

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the present application.

Listing of Claims:

1. (Cancelled).
2. (Currently Amended) Device according to claim 11 ~~±~~, wherein the surface roughness is produced by substantially punctiform prominences and/or depressions, at least on the helix surfaces directed in the feed direction.
- 3 (Currently Amended) Device according to claim 11 ~~±~~, wherein the surface roughness is obtained by essentially linear prominences and/or depressions.
4. (Currently Amended) Device according to claim 3, wherein the auger has a core tube and the auger helix has an outer edge, the linear prominences and/or depressions essentially ~~pass~~ passing from the core tube to the outer edge of the auger helix.
5. (Original) Device according to claim 3, wherein the linear prominences and/or depressions are essentially continuous and/or interrupted.

6. (Original) Device according to claim 3, wherein the linear prominences and/or depressions are curved and/or rectilinear.

7. (Original) Device according to claim 2, wherein the prominences and/or depressions are produced by welding, burning, rolling, pressing, drilling, punching or machining.

8. (Currently Amended) Device according to claim 11 ~~1~~, wherein the increased surface roughness takes place by full or partial-surface coating of at least the helix surface directed in the feed direction, circular or angular grains of wear-resistant material being non-positively connected to the auger helix surface by means of an adhesive matrix.

9. (Original) Device according to claim 8, wherein the grains are of hard materials such as e.g., metal, carbon compounds, carbides, corundum and minerals.

10. (Currently Amended) Device according to claim 11 ~~1~~, wherein increased surface roughness is brought about by sandblasting or comparable procedures.

11. (New) A device for use in a rotary boring procedure to produced bored piles in the ground, the device comprising:

an auger of predetermined length and rotating in a first direction during the boring procedure;

an encasing tube surrounding at least a portion of the length of the auger and rotating in a second direction during the boring procedure;

the auger and the encasing tube being essentially vertically introduced essentially simultaneously into the ground during the boring procedure, the direction of introduction into the ground defining a feed direction;

a helix forming part of the auger, the helix having a helix surface pointing in the feed direction; and

means for increasing the roughness of the helix surface in the feed direction, the increased surface roughness extending over a portion of the auger length needed for feed purposes.

12. (New) The device according to claim 11, wherein the first and second directions are the same.

13. (New) The device according to claim 11, wherein the first direction is opposite to the second direction.

14. (New) The device according to claim 11, wherein the helix is produced from rolled plates.